

# Center for Electronic Systems Technology

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## Background

Established in 1995, this service center combines the expertise, resources, and capability of three universities: the University of Utah, Brigham Young University, and Utah State University to serve the industrial community in the area of electronic systems technology. The goal of the center is to ensure that Utah industry can compete more effectively in the global market and enhance the opportunities for Utah researchers to develop and commercialize their technologies.

## Technology Development Progress

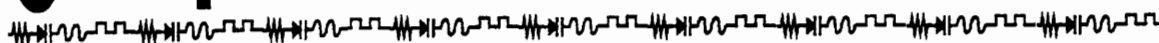
Electronic systems technologies include microelectronics, signal processing, communication and control systems, digital electronics, RF, microwave, and millimeter wave electronics, optoelectronics and electromagnetics. The center provides research, design, evaluation, and prototyping services to Utah businesses that need specialized help in developing new products or enhancing market strengths.

## Highlights and Accomplishments

- Services that are being provided to industry include access to test equipment, laboratory services, fundamental research and technology development, market analysis, personnel, information and strategic planning.
- Service contracts with a large number of technology-based companies have been signed and are in progress. Institutions that have collaborated with the center include: Loral Communications, Hodges Associates, Micron Technologies, Sandia National Laboratories, Micromanipulator, American Laser, Litton, Unisys, Digital Instruments, Alliantech Systems and National Semiconductor.
- Three new patent applications have been filed since the center was created.

# CEST

THE STATE OF UTAH CENTER OF EXCELLENCE FOR ELECTRONIC SYSTEMS TECHNOLOGY



## Summary:

### Current

1995-96 Award .....	\$150,000
Matching Funds .....	\$1,113,100
Patents Pending .....	3
Patents Issued .....	1
License Agreements .....	1
Spin-off Companies .....	1
Companies Assisted .....	12
Industry Jobs .....	4
Center Jobs .....	60

### Cumulative

Awards .....	\$160,000
Matching Funds .....	\$1,113,100
Patents Issued .....	1
License Agreements .....	1
Spin-off Companies .....	1